

Green Pea Agrichemical Regulatory Risk Assessment

November 2025

Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use. For older agrichemicals, these pressures are often the result of reconsiderations involving new or refined risk assessment methodologies that require the generation of new data. A consequence of which can be that many of these agrichemicals are not meeting contemporary risk assessment standards as the necessary data is unavailable, or where data is available, the risk posed is considered unacceptable.

The use of agrichemicals can also be impacted through differences in standards between trading partners. The lack of an appropriate pesticide maximum residue limit (MRL) in an importing country can, for practical purposes, effectively prohibit use in the exporting country to ensure compliance, as MRL breach would adversely affect market access.

The effects of the above are greater regulatory pressure placed on the use of individual agrichemicals or chemical groups. Consequently, the number of approved agrichemical options could be adversely impacted.

To assist strategic planning, with respect to future pest management options, the following tables have been developed to highlight the regulatory threats to agrichemicals currently approved for the management of the pests and diseases in green pea crops in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

R0	Use no longer approved
R1	Short-term: Critical concern over retaining access < 1 year
R2	Medium-term: Maintaining access of significant concern <2-5 years
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R4	No current risk/concerns

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INSECTICIDES/MITICIDES/NEMATOCIDES - Insect and other pests

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Pest	Risks and Comments
ABAMECTIN	6	Two Spotted Mite Tomato Red Spider Mite PER96481 for the control of leaf miner	Australia: APVMA nominated for reconsideration and spray drift assessment . Permit PER96481 Expiry date: 31/07/2028 Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
<i>Bacillus thuringiensis</i>	11A	Caterpillars Armyworm Cotton bollworm Native budworm Cabbage moth Cabbage white butterfly Loopers Lightbrown apple moth Vine moth	Australia: No current concerns. USA: Under Registration Review (scheduled)
BIFENAZATE	20D	Permit PER80558 (Snow peas and Sugar Snap peas) for the control of: Two spotted mite Red tomato spider mite European red mite Bryobia mite	Australia: No current concerns. Permit PER80558 Expiry date: 31/03/2030 Codex MRL: 7 mg/Kg Canada: In re-evaluation
CHLORANTRANILIPROLE	28	Helicoverpa	Australia: No current concerns. Canada: In re-evaluation

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CHLORPYRIFOS	1B	--	Australia: The chemical review was completed in September 2024 . Most uses in horticultural crops were removed. After 30 September 2025, products with previously approved labels must not be supplied. The only remaining approved use is in Brassica crops as specified on current labels. EU: Not approved Canada: Cancelled USA: Agricultural uses cancelled. Very few registrations as Restricted Use Pesticide.
CYROMAZINE	17	Leaf miners	Australia: No current concerns. EU: Not approved
DIAZINON	1B	Caterpillars Cutworms	Australia: APVMA made a Final Decision on 2024 . After 10 September 2025, crop uses are no longer approved. Codex: All MRLs deleted EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled)
DIMETHOATE	1B	Aphids Bean fly Cowpea aphid Green vegetable bug Jassids Leafhoppers Mites Redlegged earth mite Spider mites (Red spider) Thrips Wingless grasshopper	Australia: APVMA reconsideration. Prioritised to be commenced by 2029 . EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
EMAMECTIN	6	Cluster caterpillar Helicoverpa Looper caterpillars	Australia: APVMA Nominated for targeted spray drift reconsideration EU: Approved, candidate for substitution. UK: Withdrawn (2024).
ESFENVALERATE	3A	Helicoverpa	Australia: No current concerns. EU: Approved, candidate for substitution.

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HELICOVERPA ARMIGERA NPV	31	Helicoverpa	Australia: No current concerns.
HEXYTHIAZOX	10A	Permit PER95394 for the control of Tomato spider mite, Two spotted mite, Broad mite, Tomato russet mite	Australia: No current concerns. Permit PER95394 Expiry date: 30/09/2029
IMIDACLOPRID	4A	Permit PER10938 for the control of Greenhouse whitefly	Australia: APVMA: Currently under review . Proposed regulatory decisions expected between December 2025 to October 2026. Permit PER10938 Expiry date: 31/10/2026 EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment. USA: Under Registration Review (scheduled)
LAMBDA-CYHALOTHRIN	3A	Permit PER14033 for the control of Pasture Webworm, Cutworm, Rutherglen Bug and Thrips.	Australia: No current concerns. Permit PER14033 Expiry date: 29/02/2028 EU: Approved, candidate for substitution.
MALATHION	1B	Aphids Cabbage moth Cabbage white butterfly Green vegetable bug Jassids Leaf hoppers Rutherglen bug Thrips	Australia: The final regulatory decision was published in an APVMA Special Gazette on 2 May 2024 . Labels have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. UK: Withdrawn (2025). Canada: In re-evaluation USA: Under Registration Review (scheduled)

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METHOMYL	1A	Permit 82428 for the control of: Helicoverpa spp. Cucumber moth Cluster caterpillar Loopers Webworm Rutherglen bug Thrips including WFT	Australia: APVMA reconsideration. Prioritised to be commenced by 2026. Permit PER82428 Expiry date: 31/01/2029 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
METHOXYFENOZIDE	18	PER80954 for the control of Native Budworm, Tomato Grub and Cluster Caterpillar.	Australia: No current concerns. Permit PER80954 Expiry date: 30/04/2030 EU: Approved, candidate for substitution. Canada: In re-evaluation
ORANGE OIL	--	Whitefly (<i>Bemisia tabaci</i>) Two spotted mite (<i>Tetranychus urticae</i>) Suppression: Onion thrips (<i>Thrips tabaci</i>) & Western flower thrips (<i>Frankliniella occidentalis</i>) Tomato thrips (<i>Frankliniella schultzei</i>) Green peach aphid (<i>Myzus persicae</i>) & Melon aphid (<i>Aphis gossypii</i>) Serpentine leafminer (<i>Liriomyza huidobrensis</i>),	Australia: No current concerns.
PYMETROZINE	9B	Aphid pests PER14505 for the control of grey mould.	Australia: APVMA nominated for reconsideration and spray drift assessment. Permit PER14892 Expiry date: 31/05/2027 EU: Not approved Canada: Cancelled
PYRETHRINS	3A	Rutherglen bug	Australia: No current concerns.

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SPINETORAM	5	Loopers Helicoverpa Western flowers thrips. Permit PER87878 for the control of Liriomyza leaf miners	Australia: No current concerns. Permit PER87878 Expiry date: 31/12/2027 EU: Not approved UK: Withdrawn (2024). Canada: In re-evaluation
SPINOSAD	5	Loopers Heliothis Western flower thrip Permit PER94331 for the control of Dipteran leaf miners	Australia: No current concerns. Permit PER94331 Expiry date: 30/04/2026 Codex MRL: 0.3 mg/Kg Canada: In re-evaluation
SPIROTETRAMAT	23	Green peach aphid Silverleaf whitefly Permit PER88640 for the control of Liriomyza leafminers	Australia: No current concerns. Permit PER88640 Expiry date: 28/02/2026 Codex MRL: 1.5 mg/Kg EU: Not approved Canada: In re-evaluation
SPODOPTERA FRUGIPERDA NPV	--	PER90820 for the control of Fall Armyworm	Australia: No Current Concerns. Permit PER90820 Expiry date: 31/03/2027
TRICHLORFON	1B	Cutworms	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled)

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FUNGICIDES – Disease Control

Active Constituent	MoA Group	Pest	Risks and Comments
AZOXYSTROBIN	11	<i>Stemphyllium</i> spp. Suppression of: Botrytis Grey Mould	Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
BOSCALID	7	Sclerotinia rot	Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
CHLOROTHALONIL	M5	Permit PER82895 for the control of: Downy Mildew Chocolate Spot	Australia: APVMA reconsideration. Prioritised to be commenced by 2028. Permit PER82895 Expiry date: 31/05/2030 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	Ascochyta blight Bacterial blight Leaf & pod spot Powdery mildew	Australia: No current concerns.
FENHEXAMID	17	Grey mould Chocolate spot	Australia: No current concerns.
FLUDIOXONIL CYPRODINIL	9 + 12	Sclerotinia rot	CYPRODINIL Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Approved, candidate for substitution. Canada: In re-evaluation FLUDIOXONIL Australia: No current concerns. Codex MRL: 1.5 mg/Kg EU: Approved, candidate for substitution.

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IPIRODIONE	2	Sclerotinia Rot	Australia: No current concerns. Permit PER81589 Expiry date: 30/06/2026 EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB	M3	Angular leaf spot Anthracnose Ascochyta blight Chocolate spot (Grey mould) Leaf blight Rust Blight (Peas) Downy mildew Powdery mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled)
MANCOZEB & DIMETHOMORPH	M3 + 40	Permit PER14470 for the control of Downy mildew	Permit PER14470 Expiry date: 28/02/2027 MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled) DIMETHOMORPH Australia: No current concerns. EU: Not approved Canada: In re-evaluation

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MANCOZEB & METALAXYL-M		Permit PER82456 for the control of Downy mildew	<p>Permit PER82456 Expiry date: 31/05/2030</p> <p>MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled)</p> <p>METALAXYL Australia: No current concerns. Codex MRL: 0.02 mg/Kg EU: Approved, candidate for substitution. Canada: In re-evaluation</p>
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	Permit PER11951 for the control of Downy mildew (Pees processing)	Australia: No current concerns. Permit PER11951 Expiry date: 28/02/2030
POTASSIUM BICARBONATE	M2	Permit PER13695 for the control of Powdery mildew	Australia: No current concerns. Permit PER13695 Expiry date: 30/06/2030 Canada: In re-evaluation
PYRIMETHANIL	9	Permit PER14505 for the control of Grey mould (botrytis)	Australia: No current concerns. Permit PER14505 Expiry date: 30/09/2026 Canada: In re-evaluation
SPIROXAMINE	5	Powdery Mildew	Australia: No current concerns. Permit PER11764 Expiry date: 31/08/2026
SULPHUR	M2	Powdery Mildew	Australia: No current concerns. Canada: In re-evaluation
TEBUCONAZOLE	3	Powdery Mildew	Australia: APVMA: Removed from nomination list - maintain watching brief EU: Approved, candidate for substitution. Canada: In re-evaluation USA: Under Registration Review (scheduled)

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THIABENDAZOLE + THIRAM	1 + M3	Pythium roor rot	THIRAM Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: Only approved for seed treatment. THIABENDAZOLE Australia: No current concerns.
TRIADIMEFON	3	Powdery Mildew	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved Canada: Restricted use
ZINEB	M3	Downy mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: Cancelled

HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
BENTAZONE	6	Australia: No current concerns. Permit PER14896 Expiry date: 30/06/2029
CLETHODIM	1	Australia: No current concerns. Permit PER82459 Expiry date: 30/09/2026
CYANAZINE	5	Australia: APVMA nominated for reconsideration after 2029. Permit PER10988 Expiry date: 30/11/2029 EU: Not approved Canada: Cancelled
DIFLUFENICAN	12	Australia: No current concerns. EU: Approved, candidate for substitution.

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DIMETHENAMID-P	15	Australia: No current concerns. Canada: In re-evaluation
DIQUAT	22	Australia: APVMA: Currently under review . Publication of the final regulatory decision is now expected in Mid 2026. EU: Not approved USA: No agricultural uses allowed. Aquatic herbicide.
FLUAZIFOP-P PRESENT AS THE BUTYL ESTER	1	Australia: APVMA Nominated for targeted spray drift reconsideration Canada: Cancelled
GLUFOSINATE-AMMONIUM	10	Australia: APVMA Nominated for targeted spray drift reconsideration Permit PER88349 Expiry date: 31/01/2030 EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: APVMA Nominated for targeted spray drift reconsideration Permit PER13901 Expiry date: 31/03/2029 USA: Under Registration Review (scheduled)
METRIBUZIN	5	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
PARAQUAT	22	Australia: APVMA: Currently under review . Publication of the final regulatory decision is now expected in Mid 2026. Candidate chemical recommended to be listed to Rotterdam Convention. EU: Not approved Canada: Cancelled USA: Restricted use
QUIZALOFOP-P-ETHYL	1	Australia: No current concerns.
SETHOXYDIM	1	Australia: No current concerns. EU: Not approved Canada: Phase-Out

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TERBUTRYN	5	Australia: No current concerns. EU: Not approved
TRI-ALLATE	15	Australia: No current concerns. EU: Approved, candidate for substitution.
TRIFLURALIN	3	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

FUMIGANTS – Mixed Function

Active Constituent	Use	Risks and Comments
CHLOROPICRIN + 1,3-DICHLOROPROPENE	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	CHLOROPICRIN Australia: No current concerns. EU: Not approved USA: Restricted use 1,3-DICHLOROPROPENE Australia: No current concerns. EU: Pending Canada: Cancelled
DAZOMET	Control of bacterial spot (Xanthomonas spp.) (suppression only). Soil insects and nematodes	Australia: No current concerns. USA: Under Registration Review (scheduled)
ETHANEDINITRILE	Soil borne pathogens, nematodes and weeds	Australia: No current concerns.
METHAM PRESENT AS SODIUM SALT	Germinating weeds and soil-borne fungus diseases	Australia: No current concerns.

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Funding statement: MT24008 –Regulatory Support & Response Co-ordination. This *multi-industry* project has been funded by Hort Innovation, using *industry research and development levies* and contributions from the Australian Government. Hort Innovation is the grower-owned, not-for-profit research and development corporation for Australian horticulture.

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